

May 18, 1982

Memo to File:

RE: Tosco Corporation
Sand Wash Development Project
ACI/047/001
Uintan County, Utah

On May 12, 1982, Wayne Hedberg, Sally Kefer, Sue Linner and Tom Portle, representatives of Oil, Gas and Mining held an on-site technical review at the Tosco Sand Wash Development Project site. Those in attendance from Tosco included George Cozart, Joe Murino, Truman King, W. Dixon Shay and Denise Dragoo. The project is located southeast of Vernal in Uintan County.

After a slide presentation was made on the revegetation test plots and mining techniques of the Colony Project in Colorado and the Sand Wash Project, the group went out on-site.

At this time, representatives of Tosco inquired as to the Division's definition of toxicity. Also, questions were put forth as to what measures would be required by the Division to establish the suitability of materials in question for intended use as fill and for a pad extension. They were informed that: (1) chemical analysis dealing with the strata in question could be provided to the Division; or (2) plans could be formulated to ensure that these materials would be buried beneath a suitable depth of acceptable material on final grading.

All proposed surface facility sites included in the development phases of the project were visited including the coarse ore stockpile, administrative offices, water treatment systems, shaft support facilities, sedimentation pond and water retention pond and dam. These are all located in a delineated (contained) drainage of about 40 acres.

The geotechnical, geological and soil testing and the water quality monitoring sites were pointed out. A request was made by DOGM to have Tosco submit the alluvial ground water monitoring data obtained to date to further aid the hydrologic review.

The group visited a revegetation test plot which was planted in 1976. The objective of the plot study was to demonstrate reclaimability of spent shale. Tosco treatments include irrigation, varying depths of soil (CaC) over the shale medium and fertility and sludge amendments as the study parameters.

DOGM is currently holding a bond on a corehole area just north and west of the shaft development site. At this point in time, no reclamation has been completed on that site, therefore, the bond will remain applicable.

SALLY KEFER
RECLAMATION HYDROLOGIST

cc: George Cozart, Vernal
Truman King, Aurora
Jim Smith, DOGM

SK/btd

























